

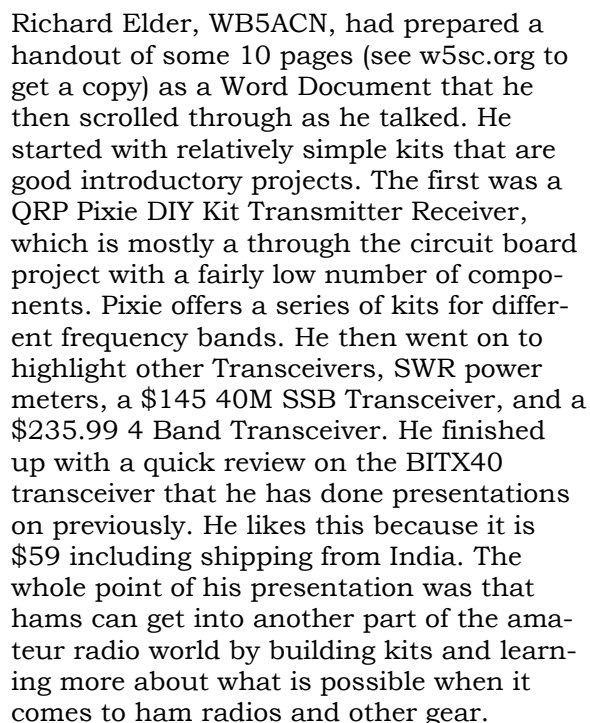


A perspective view of the machine in its normal position. It features a heavy metal frame with two large horizontal rollers at the top. A curved discharge chute is attached to the right side of the frame, leading downwards. Various mechanical components like gears and belts are visible on the left side.

October 2019



The meeting on September 12, 2019 at Blanco BBQ, 13259 Blanco Road, San Antonio, TX 78216, was started by Rosendo Guzman, N5YBG, President, SARC, started the meeting at 7:00 p. m. He started this meeting, like other meetings, with name and call sign introductions. He then introduced the program presenter, Richard Elder, WB5ACN, for the meeting.



Rosendo Guzman, N5YBG, President, presenting a Program Certificate of Appreciation to Richard Elder, WB5ACN, for his presentation on the Kit Life for Hams to the San Antonio Radio Club General Membership Meeting on September 12, 2019

West Gulf Division Director Visit

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, October 10, 2019, at **Blanco BBQ, 13259 Blanco Road, San Antonio, TX 78216**. There will not be a program per se, but John Robert Stratton, N5AUS, Director, West Gulf Division of ARRL will be visiting and speaking.

RosendoN5YBG presented Richard WB5AXN with a Program Certificate of Appreciation for his presentation on Kit Life for Hams as the conclusion of it.

(Continued on Page 5)

SAN ANTONIO RADIO CLUB

PRESIDENT’S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
10	R		N5BYG		San Antonio, TX		Oct
TO							
W5SC							

Hello fellow Amateur Radio Operators.

Need an excuse to get on the air? Of the many ways that ham radio has changed over the years, one of them has to be in the operating habits of many of us. It used to be that you could find contacts on the HF bands easily, whenever they were open. (As an operator who prefers SSB, I wish we were at a different point in the sunspot cycle. Oh well....) Of course, there are still some contacts to be made. But not as easily. Maybe our schedules provide us with so many more things to do that we allocate less time to radio.

So “events” become more important. Probably the biggest event to bring out lots of activity of HF was the National Parks on the Air several years ago. It was the right combination of contesting, contacting, portable operating, etc., to really make a hit with hams and get a lot of radio waves stirred up.

There are still lots of operating events to take advantage of. For example, the state QSO parties usually do well for participation. So, if you’re looking for an “event,” you can probably find something to operate in most weekends. The ARRL Search for Special Events Stations is great source.

A great event is JOTA and JOTI Jamboree, the World’s Largest Digital Scout Event promoting friendship and global citizenship on October 18-20, 2019. \JOTA-JOTI is the world’s largest digital Scout event taking place online and over the air. The educational event brings together more than 2.5 million Scouts every year in October for a weekend of Scouting and friendship. Young people can learn about communications technology and connect with fellow Scouts from over 170 countries.

So, you can come and help us and be an Elmer to a Scout, at McGimsey Scout Park 10810 Wedgewood, San Antonio, Texas 78230. McGimsey Scout Park is a 140-acre camp in North Central San Antonio.

Good DX



Special Event Station W5SC/100

Rosendo M. Guzman, Jr.

N5YBG

Bexar Wire

Published monthly by:



Rosendo Guzman N5YBG
President
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
Guest Most Exalted Supreme Editor-In-Chief
210-497-2532
haroldcf@swbell.net

The due date for articles is the **Monday** before the first **Thursday** of the month.

San Antonio Radio Club Meeting Minutes September 12, 2019

Rosendo M Guzman, N5YBG President, called the meeting to order at 7:00 p. m. at Blanco BBQ, 13259 Blanco Rd. San Antonio, TX 78216.

Rosendo M Guzman, N5YBG, then introduced himself as Rosendo N5YBG and then in accordance with SARC custom asked everyone else to introduce themselves, where 38 members were present at meeting.

Mike Harrison Vice President (KB5KST) was not present. Rosendo N5YBG introduced Richard Elder, WB5ACN, on Kit Building who spoke on QRP Pixie Kit and inexpensive DIY Kits.

Rosendo N5YBG then reviewed the printed agenda for meeting with the members present and asked if there were any modifications. There being no modifications suggested, Rosendo N5YBG announced the printed agenda as orders for the meeting by unanimous consent.

Rosendo N5YBG then stated that whereas the minutes for the last meeting on August 8, 2019 had been distributed in the September 2019 Bexar Wire newsletter that unless there were corrections or objections that we would dispense with the reading of the minutes and approve them as written by unanimous consent.

Officer Reports:

President – none

Vice President -not present

Secretary – Gianna B Fang-Guzman not present, Rosendo N5YBG reported for the Aug 08, 2019

Minutes from meeting were emailed to Harold Fleischer AE5AS, newsletter Editor on Aug 31, 2019 and were posted on the Bexar Wire Newsletter on September 09, 2019.

Treasure Jeff Boyes ND8D No income and no expenses for last month

Newsletter Editor – (Temp) Harold Fleischer AE5AS The September 2019 Bexar Wire Newsletter was completed on September 9, 2019 and released to the webmaster who promptly posted it to the website and notified members. The deadline for newsletters is the Monday before the first Thursday of the month. The position of Exalted Supreme Editor-In-Chief is available. Applicants should see the President. Assistance for a transition is available.

Webmaster – Bill Craft, KD2HIQ, Website Added Radio Fiesta pages, FT8 Manual, security presentation, added JOTA page and form. Groups.io updated calendar and memberships. Mail chimp, meeting notice and radio fiesta vendor letter. Web Site Statistics Sessions 541 down 12%, New vs returning visitors New 57% and Returning 43% Device Breakdown Desktop 59%, Tablet 7% and Mobile 34%. Facebook Statistics Post Reach from Aug 8th to Sept 4th 747 people reached 97%

Membership – Bill Craft, KD5ZHIQ as Aug 31, 2019 138 Paid members, 33 Free, 12 Family Members, 44 ARRL Members, a total of 183 members. Also, able to take credit card payment at meetings.

Chairman of the Board Report – Harold Fleischer, AE5AS No Report

Education and Training – David Finell N7LRY, No Report

Executive – No Report

Emergency Communications – Joe Bruno, W5AUQ spoke with JC Smith N5RXS

Field Day – Joe Bruno, W5AUQ, New generator purchased. Only non-ethanol gas will be use on all SARC Generators.

Finance and Review - Paul A Guido N5IUT No Report

JOTA – John Douglas, W5NZK JOTA October 18, 19, and 20 2019 will be working the following Bands 6, 10, 12, 15, 17, 20, 40, and 80. Everyone needs to take the Certification online.

Radio Fiesta – Rosendo Guzman N5YBG Eventbrite is now up and running for vendor registration. Division Director John Robert Stratton, N5UAS will be presenting. Spoke with Lori Hicks from FlexRadio, still have not decided to attend. Raffle made \$67.00. Bill Craft KD2HIQ - Eventbrite as of August 31, 2019 shows that Vendor Tables sold 20, Flea Market sold 18, and Admissions 2. Working on revising Radio Fiesta mailer flyer and Handout flyer. Created MailChimp list of area ham clubs to send out Radio Fiesta flea market info

VE Team – Pat Knight AD5BR - Our VE session August 24 had a great turnout. One candidate upgraded to Amateur Extra and two candidates upgraded to General. One candidate earned the General for her first license and nine candidates earned the Technician license. Congratulations to our upgrades and to our new hams. Thanks go to the Great Northwest Library for providing us space and to all of our faithful Volunteer Examiners for administering the exams.

Our next VE session will be October 26 at 10 AM at the Great Northwest Library. The General exam question pool changed July 1, 2019, so make sure you are studying the new General exam questions. A great study site with flash cards is <https://hamstudy.org>

Contact the VE team at hamtest@gmail.com to pre-register for testing or with any questions.

Centennial Commemoration (Temporary) - Tom O'Brien, AB5XZ - August Special Event went OK. Used the Beam, worked some more states. Demonstrated for numerous visitors, and some club members stopped by to operate. Swag will be for sale coin \$10, pin \$6, patch \$5. Next Special Event operation in November 09, 2019 at SAMSAT. Tom also stated that the 1927 Newsletter.

Nominating Committee- active Joe Bruno, W5AUQ and Harold C. Fleischer AE5AS

Need board of Director, Secretary, and a Vice President. Pat K. stated she got asked to volunteer.

Old Business (Motions carried over from previous meetings) – None

New Business (Must be presented as a motion) - None

Announcements for The Good of Amateur Radio

Pat Knight AD5BR – Need volunteers to help with the annual BikeMS event October 5-6. I would also like to pass around a sign-up sheet for people who are interested.

Tom O'Brien AB5XZ – stated that the WWV Centennial Celebration and Special Event from Sept 28 – Oct 2, on SSB, CW, and Dig.

Paul N5IUT was at work when 9-11 was going on. Setup TV antenna with Cat 5 cable for the cafeteria lady.

Bill Craft got interested in Amateur Radio because of Drones.

Jim AD5UHP was very pleased with Blanco BBQ (what a great place)

Craig Lester selling ham equipment.

Raffle for Radio Fiesta Door prizes fund, raised \$44.00.

Rosendo N5YBG announced the TX QSO Party and VHF contest going on the weekend of Sept 14th and 15th.

Meeting Adjournment: @ 8:40 p.m.

Rosendo Guzman N5YBG
President

Kit Life for Hams (Continued from Page 1)



The party room at Blanco BBQ just before SARC's General Membership Meeting on September 12, 2019



Jeff Boyes, ND8B, Treasurer, making his report at SARC's General Membership Meeting on September 12, 2019



Bill Craft, KD2HIQ, Webmaster and Membership Committee Chairperson making his report at SARC's General Membership Meeting on September 12, 2019

Rosendo N5YBG then continued the meeting with a Secretary's report. Jeff Boyes, ND8B, Treasurer, followed with his report. After that appointed officers, newsletter editor and webmaster, the Chairperson of the Board of Directors, and Committee Chairpersons made their reports. The most significant item was the work being done by the Nominating Committee Chairperson Joe Bruno, W5AUQ, who already had at least one name for each position. He emphasized that he wants multiple candidates for each position. (See Separate article on Page 8 on the opportunity to serve. Since there were no old motions to consider under Old Business and none offered during New Business, Rosendo N5YBG, opened the meeting to announcements, there were several, before adjourning the meeting.



Pat Knight, AD5BR, VE Committee Chairperson making his report at SARC's General Membership Meeting on September 12, 2019



Joe Bruno, W5AUQ, Nominating Committee Chairperson making his report at SARC's General Membership Meeting on September 12, 2019



100 Years

Centennial Commemoration

Another Centennial in 2019: Radio Station WWV

By Tom O'Brien, AB5XZ

You all know by now that 2019 is the 100th anniversary of the founding of the San Antonio Radio Club. We don't know the exact date of SARC's founding, but that never stopped a celebration before!

There's another notable Centennial we should mark October 1, 2019 is the 100th anniversary of the first operation of the first licensed radio station in the USA. That station is WWV, which is still broadcasting today.

WWV has changed, moved, and expanded many times over that long span of time. The first transmissions from WWV were standard frequency signals. Those signals were used by amateur radio operators, scientists, and (later) commercial broadcasters. Recall that electronic technology had not yet progressed to the point of highly stable, repeatable signal sources.

My first encounter with WWV, in the 1950s, was through a small Hallicrafters portable radio that could receive shortwave broadcasts.

My neighbor Bob Douglas, W5GEL (SK) showed me how to find WWV on the radio's little dial and explained to me what was going on. I later used WWV to check the dial calibration on my first real communications receiver, a second-hand Hallicrafters SX-42.



Hallicrafters S103



Hallicrafters SX-42

I learned how to set my wristwatch to the second using WWV broadcasts. Of course, the mechanical watch movement of that time couldn't stay within a second per day. An electric clock with a synchronous AC motor could do a bit better.

Fast-forward to 2012! A family vacation to Este Park, Colorado, happened to coincide with the Rocky Mountain Division convention of ARRL, also held in Estes Park. The convention organizers had set up a field trip activity, a visit to the WWV/WWVB transmitter site in Fort Collins, CO. I signed up for the trip and hopped on the bus. We were told that this was the first time any of the public had been allowed to visit WWV in about 30 years. They had been asking for years, and finally asked the right person.



Entrance gate to WWV/WWVB site



Inside the "Helix House"

The staff at the station had prepared for our visit by shutting off one of the transmitters (WWVB), that transmits on 60 KHz – for setting your watch. We were able to go into the "helix house", which is the matching network for the 60 KHz antenna. The

antennas for 2.5, 5, 10, 15, 20, and 25 MHz are just half-wave verticals, and don't photograph well.

Notice in the photo that the Helix House could pass for a distillery instead of a matching network.

The antennas for WWVB look like the one in the one shown in the following diagram. Note the dimensions. The antennas are verticals, with top loading "capacity hats".

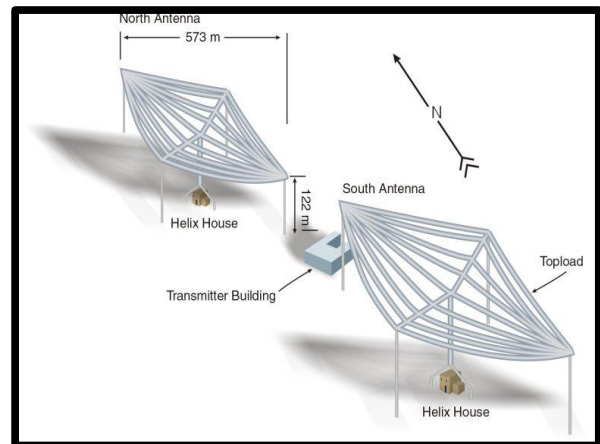


Diagram of the WWVB antenna

The main transmitters and offices are shown in this photo.



Offices and transmitters for WWV and WWVB

Just to prove I was there, I had someone take a photo of me with the WWV sign.



Tom O'Brien, AB5XZ, at the WWV/WWVB site in 2013

By the time you read this, the WWV centennial celebration will have passed. Hams from Fort Collins, CO will have joined with WWV/WWVB staff to operate a Special Event station WW0WWV from the transmitter site, on all the HF bands, with suitable bandpass filtering. I'll let you know how the Special Event goes.

Opportunity Still Knocking



At the last meeting, Joe Bruno, W5AUQ, Chairperson, Nominating Committee, reported on his efforts to get candidates for the elected positions for the San Antonio Radio Club (SARC) for calendar year 2020. At that time, he had names for all five positions, but was seeking more candidates for all positions, especially Secretary. At press time, he had secured the following candidates:

President
Vice President
Secretary
Treasurer
Director through 2024

Rosendo Guzman, N5YBG (standing for re-election)
Lloyd Swartz, KF5ZHW
Gianna B Fang-Guzman (acting – pending a license)
Jeff Boyes, ND8B (standing for re-election)
Joe Bruno, W5AUQ
Bill Craft, KD2HIQ

Joe W5AUQ reported at the same meeting that he had talked to most appointed officers and committee chairpersons and they have agreed to continue on into 2020. Joe W5AUQ emphasized several points:

- *He would like more than one candidate for each office.*
- He has a copy of the Constitution and By-Laws so he can review the duties of each office with anyone interested in a particular one.
- Members will usually help an officer out when requested.

The contact information for Joe W5AUQ is on SARC's website: w5wc.org.

JOTA 2019 Is This Month!

By Bill Craft, KD2HIQ



Please join us for the 62nd Annual Jamboree on the Air (JOTA) event and enjoy worldwide communications via Amateur Radio and the internet. JOTA is the largest Scouting event in the world with over 1.8 million Scouts participating across 150+ countries. Scouts of all ages are welcome to come and participate. This year's event will be held at McGimsey Scout Park in the Cub Pavilion area. The event starts Friday, October 18th from 6:00PM to 10:00PM, Saturday from 9:30AM to 10:00PM, and concludes Sunday 9:30AM to 12:00PM. Participants can camp out overnight Friday & Saturday. If you are interested in participating, reservations are strongly encouraged. Please send us a count of the number of youth and adults in your group that will be attending, the times you are wanting to attend, and if your group will be camping overnight.



San Antonio Radio Club (SARC) members can sign up to volunteer <https://w5sc.org/jota-volunteer/>. Adults are required to complete the Youth Protection Training (YPT) prior to attending. YPT is on an-line, self-paced training at the BSA website with tests scattered throughout the various modules. It takes 2-3 hours to complete this training. The end result is a certificate good for two years. The SARC Chairperson must have this form for each volunteer. After you complete the training, you will understand why BSA is adamant on every adult working with Scouts successfully completes YPT. All the information is on our website volunteer page, including the recommended Health and Medical forms.

This map shows the location of the entrance of McGimsey Scout Park with a reference to I-410.

For more information:
 John Douglas – W5NZK
Chairperson, Jamboree On The Air (JOTA) Committee
 210-887-8317
W5NZK@yahoo.com

Editor's Note: This article is based on input from John Douglas, W5HZK, and the article done by Bill Craft, KD2HIQ.



Volunteer Examiners at Work



VE test session area looking from the back of the room at the Texas National Guard Armory on I35 on September 22, 2019 with the Texas State Guard candidates in the foreground and the VE Red Team at the front on the left and the VE Blue Team at the front on the right



VEs with the Red Team on the left and part of the Blue Team on the right Texas National Guard Armory on I35 on September 22, 2019 for Texas State Guard members at the end of the Technician training

Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and the Volunteer Examiners conducted a special test session on the usual Sunday, September 22, 2019, at the Texas National Guard Armory on I-35 near Fort Sam Houston. David Finell, N7LRY, was teaching a Technician for Texas State Guard members. There were 9 candidates at this session and 6 Volunteer Examiners (VEs). A total of 4 Technician licenses and 1 General license were earned. (The person earning the General already had a Technician license.) with one person going on to earn a General license.

Successful candidates were entered into a raffle conducted by David N7LRY for a BaoFeng Hand Transceiver donated by Cray Lester, K5MUG.

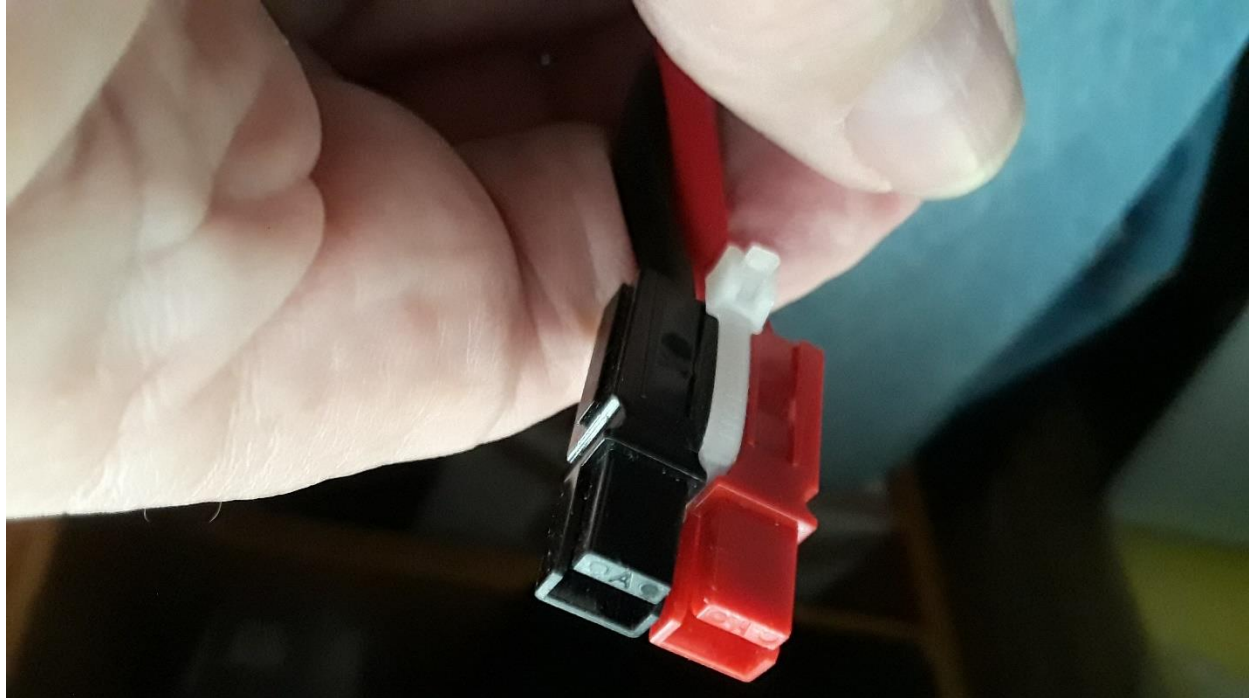
Finally, several new hams took up the offer for free membership in the San Antonio Radio Club. Please say hello to any new amateur radio operators at the next meeting.

Anyone interested in becoming a VE can contact Pat AD5BR, but the how to is on the ARRL website. More VEs are always welcomed.



Next License Test on Saturday, October 26, 2019

Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and several members of that committee will be conducting amateur radio license examinations on Saturday, October 26, 2019. The test session will start at 10:00 a. m. at the Great Northwest Library. This test session is open to the public although pre-registration is encouraged. There is a \$15 FCC authorized fee. A great study site with flash cards is <https://hamstudy.org>.



Joining a pair of Power Pole terminals with a short cable tie

Power Pole Tip

Power Pole connectors usually come as a unit used on one wire at a time although hams tend to use two at a time, positive red and negative black (ground) when using Power Poles in their radio shack. While they can sometimes be bought in already joined red-black pairs, most hams buy them loose for maximum flexibility and then use a lot of them in pairs.

There are short roll pins that can be used to join the red and black Power Poles together. The pin can sometimes drop out. The red and black Power Poles can also be glued together. This is a permanent fix. Another way is to put the pair together and then put on a short cable tie as shown in the picture above. The short cable can be trimmed as shown in the picture. It can also be cut off and the Power Poles separated if desired or necessary in the future.

Editor's Note: This Power Pole Tip and picture were submitted by Tom O'Brien, AB5XZ.

Newsletter Editor Announcement Expected

An announcement of the appointment of a new Editor for the Bexar Wire Newsletter of the San Antonio Radio Club (SARC) by Rosendo Guzman, N5YBG, President of SARC is expected at SARC's next General Membership Meeting on October 10, 2019. The individual expected to be named talked with Rosendo N5YBG after the last meeting about accepting the position.

The new Editor will be doing the November 2019 issue of the Bexar Wire with coaching and assistance from the interim Editor Harold Fleischer, AE5AS (also known as the Guest Most Exalted Supreme Editor-In-Chief). The new Editor presently does a newsletter for another organization, so this Editor comes to the job with experience.



What is Social Media?

By Bill Craft, KD2HIQ

Social media is a phrase that we throw around a lot these days, often to describe what we post on sites and apps like Facebook, Twitter, Slack, Groups.io and others. Therefore, you can infer that social media are web-based sites that allow people to interact with each other.

Just what exactly is social media, anyway?

The term is so vague that it can describe almost any website on the internet today. Or can it? It seems as if everyone has their own personal opinion of what social media is and isn't. But let's dive deeper into the general concept to gain a clearer and more precise understanding.

So, What Is Social Media?

Rather than define the term using a bunch of boring jargon that would probably only complicate things further, perhaps the best way to get a clearer understanding of it is to break it down into simpler terms. To start, let's look at each word individually.

- **The 'social' part:** refers to interacting with other people by sharing information with them and receiving information from them.
- **The 'media' part:** refers to an instrument of communication, like the internet (while TV, radio, and newspapers are examples of more traditional forms of media).

From these two separate terms, we can pull a basic definition together:

Social media are web-based communication tools that enable people to interact with each other by both sharing and consuming information.

Yes, it's a broad definition — but keep in mind that social media is a very broad term. This is likely as specific as we can get without zeroing in too much on a more specific subcategory of social media.

Why does SARC use social media?

Most Hams would agree that ham radio was the first social network. Now we can use something besides a radio, smartphones, tablets, PCs or anything else that connects to the Internet. The San Antonio Radio Club uses social media (Facebook, Groups.io and Twitter) to engage our membership and the public in near-instantaneous communications. Also, since we all communicate in various modes (such as verbal; phone/face-to-face, text, email, websites), social media adds another “tool” for us to stay in touch.

Why have multiple apps?

Just as hams use different frequencies and protocols (Voice, CW, digital) to communicate, different applications (apps) provide the same diversity. Each app has its own preference of followers, some like short tweets to their phone, some like the ability to post pictures or videos (Facebook) others like to have interactive running dialogs (Slack). SARC has limited the number of apps to just a few of the many available to keep it somewhat manageable.

How can I use these apps?

Each of these apps require you to opt in to join rather than us just automatically adding you. Go to our web site social media page (<https://w5sc.org/social-media/>) and follow the directions for each application. All of these have an option to unsubscribe if you get overwhelmed with communications

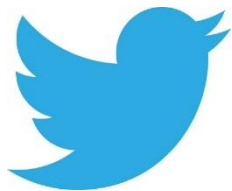


SARC has had a Groups.io. Its name is saradioclub.

The saradioclub Group.io is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the saradioclub Group.io can and have asked each other technical questions or sought assistance.

The saradioclub Group.io is a closed group. To become a member, go to saradioclub.groups.io. (You may need to have a Groups.io account.) You will then need to select *Apply for membership in this group*. This generates a message. SARC members can expect approval to join the saradioclub Group.io in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: Bill Craft KD2HIQ
Billc851@gmail.com
210-233-8863

Amateur Radio License Classes

Multiple classes planned for 2019.

For more information, contact:
David Finell, N7LRY
Instructor

SARC Meeting Dates for 2019 & Early 2020

October 10, 2019
November 14, 2019
December (None)
January 9, 2020
February 13, 2020
March 12, 2020
April 9, 2020
May 14, 2020
June 11, 2020
July 9, 2020
August 13, 2020
September 10, 2020

Meetings are held at Blanco BBQ, 13259 Blanco Rd, San Antonio, TX 78216 at 7:00 p. m. Room is available at 6:00 p. m. for supper.

Come early and eat with other members coming early.

License Testing Dates for 2019 & Part of 2020

October 26, 2019
December 28, 2019
January 11, 2020
February 22, 2020
April 25, 2020
June 27, 2020
August 22, 2020

Times and locations along with required document information can be found on SARC's website.

SARC does all of its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all of the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

Radio Fiesta 2020

January 10-11, 2020
Schertz Civic Center

See website w5sc.org for more information

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 18-20, 2019.

More information will be available as the date draws closer.

Emergency Communications

If you are interested in emergency communications, contact:
JC Smith N5RXS

Field Day 2020

Setup: Friday, June 26, 2020
Operations: Saturday, June 27, 2020
& Sunday, June 28, 2020

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.